

Measures of environmental impacts and sustainability

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Measures of environmental impacts and sustainability

■ Measures of:

- resource requirements.
- impacts.
- agroecological health.

are needed for assessing progress and compliance.



Measures of environmental impacts and sustainability

- Measures should be:
 - standard.
 - and comprehensive.
- Assessment tools should be:
 - Rapid.
 - Standardised.
 - User-friendly.
 - Meaningful to public policy.
 - Applicable to management.

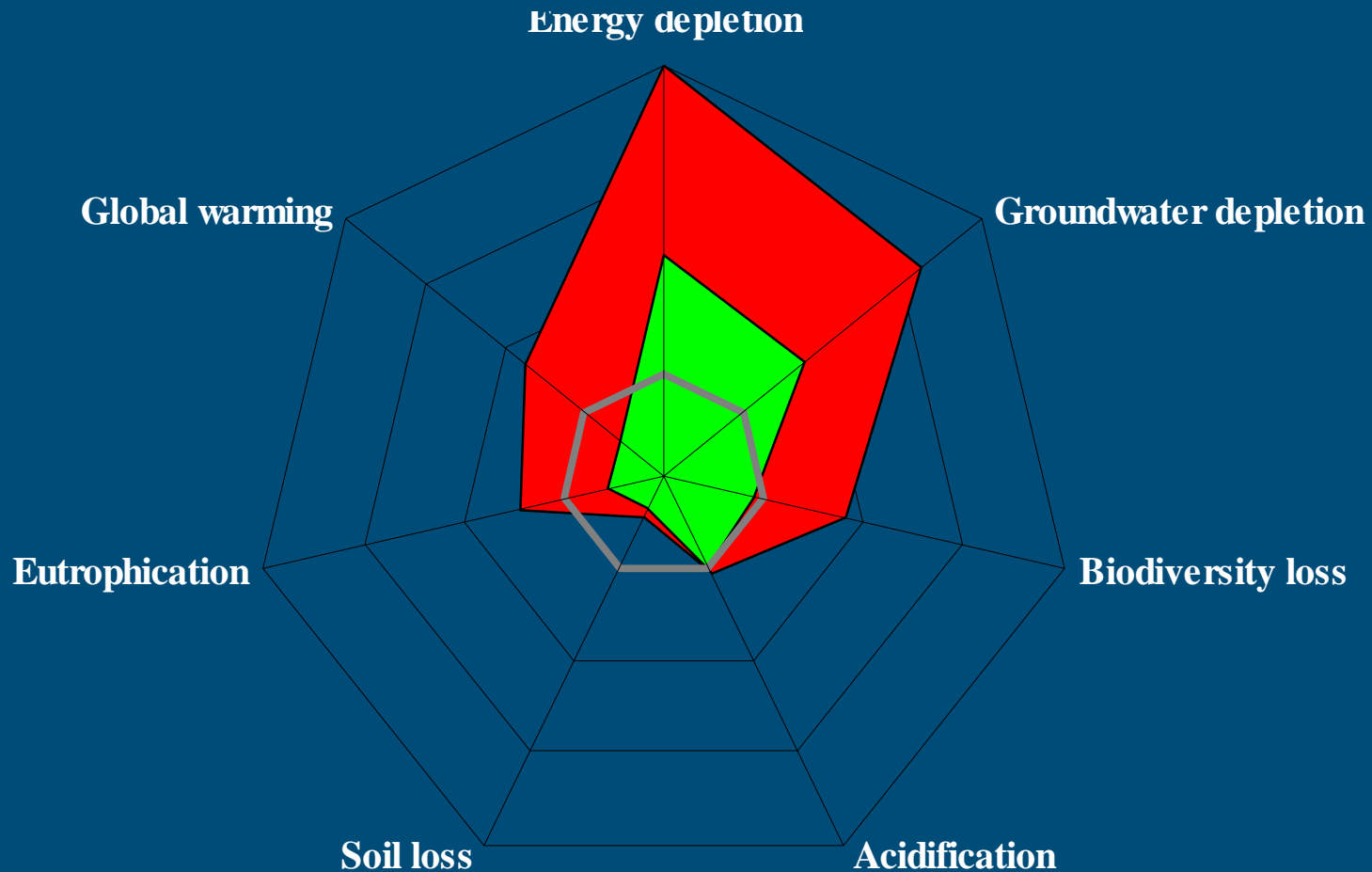


Environmental Assessment Tools

- Life cycle assessment (LCA)
- Cost benefit analysis (CBA)
- Ecological footprint
- Emergy analysis
- Biological assessment methods
 - Index of biotic integrity (IBI)
- Positional analysis (PA)



Comparison of conventional versus organic olive farming and their sustainability limits



■ Conventional ■ Organic ■ Ecologically tolerable rate



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